



WR-137 Waveguide E-Bend with CPR-137G
Flange Operating from 5.85 GHz to 8.2 GHz

TECHNICAL DATA SHEET

PE-W137B003A

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	5.85		8.2	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

Mechanical Specifications

Description	Flange 1	Waveguide	Flange 2
Waveguide Size		WR-137	
Flange Type	CPR-137G		CPR-137G
Flange Designation	None	WR-137	None
Material	Copper Alloy	Copper Alloy	Copper Alloy
Plating	Paint	Paint	Paint

Size
Weight 3.88 lbs [1.76 kg]

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

WR-137 Waveguide E-Bend with CPR-137G Flange Operating from 5.85 GHz to 8.2 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-137 Waveguide E-Bend with CPR-137G Flange Operating from 5.85 GHz to 8.2 GHz PE-W137B003A](#)

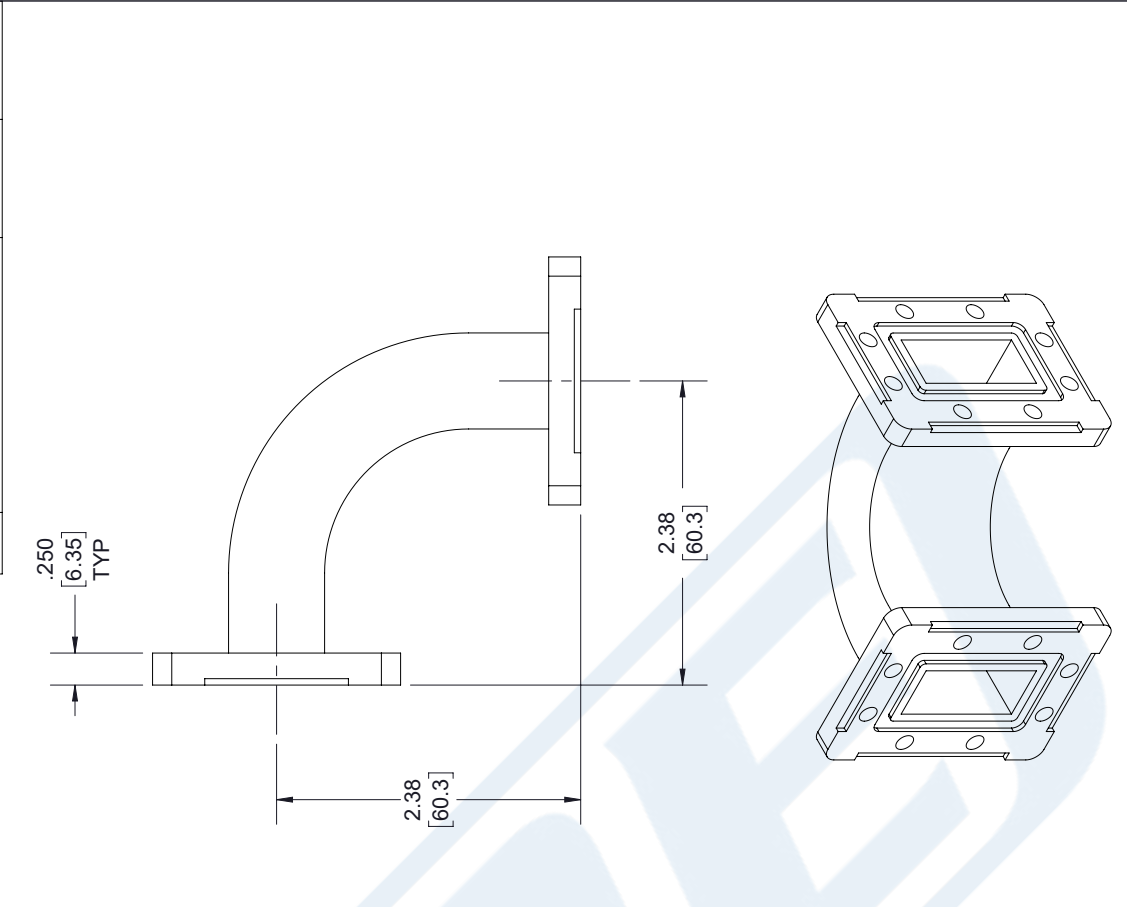
URL: <https://www.pasternack.com/wr-137-waveguide-e-bend-none-flange-5.85-8.2-ghz-pe-w137b003a-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

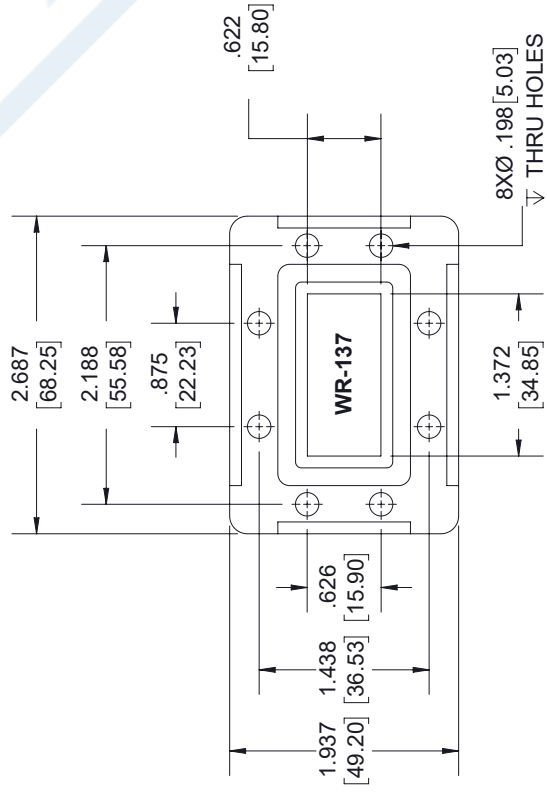
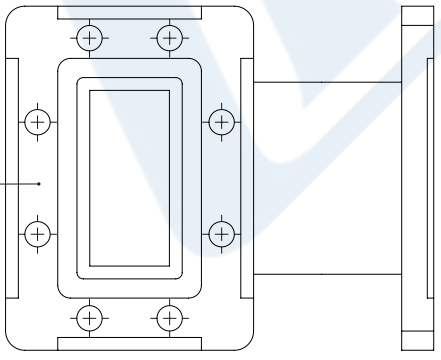
PE-W137B003A CAD Drawing

WR-137 Waveguide E-Bend with CPR-137G Flange Operating from 5.85 GHz to 8.2 GHz

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/28/2020	S.PONG



WR-137 WAVEGUIDE E-BEND
CPR-137G FLANGE
TYP



FLANGE DETAIL

LABEL



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2	[5.08]	FRACTIONS	± 1/32
.XX = ±.02	[.51]	ANGLES ± 1°	
.XXX = ±.005	[.13]	CABLE LENGTH (L) TOLERANCES:	
L ≤ 12 [305] = +1 [25] / -0			
12 [305] < L ≤ 60 [1524] = +2 [51] / -0			
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0			
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0			
300 [7620] < L = +5% / L / -0			

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A

ITEM NO PE-W137B003A

DRAWN BY K.DANG

CAGE CODE A 53919

PE-W137B003A

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